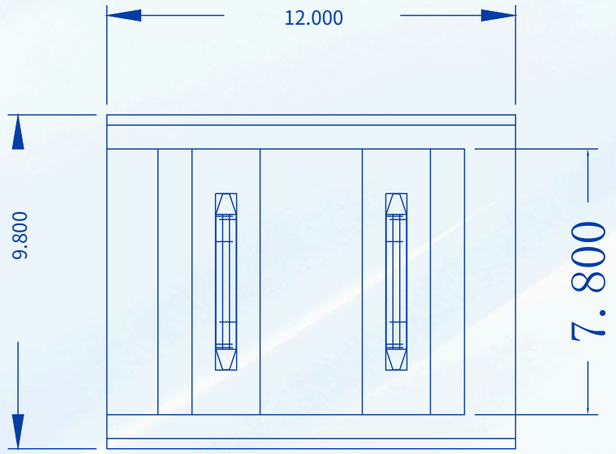
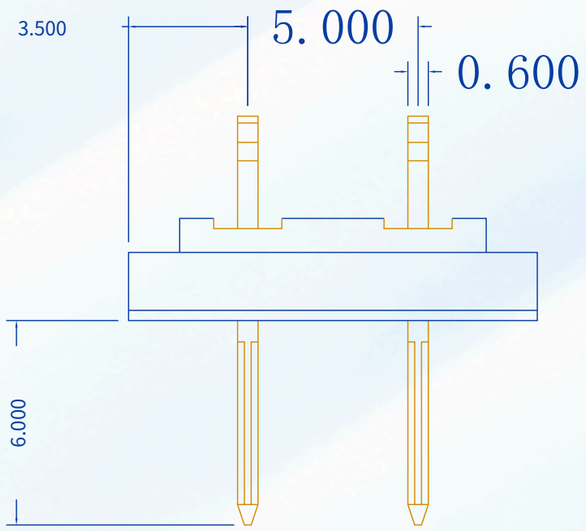
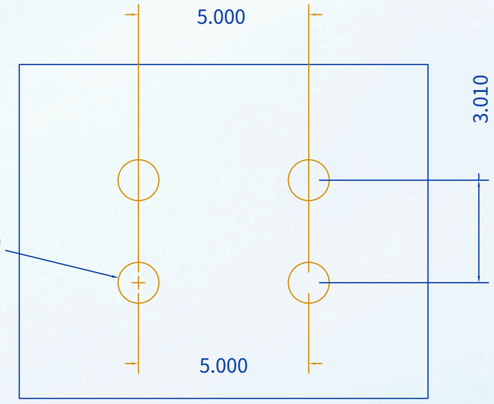
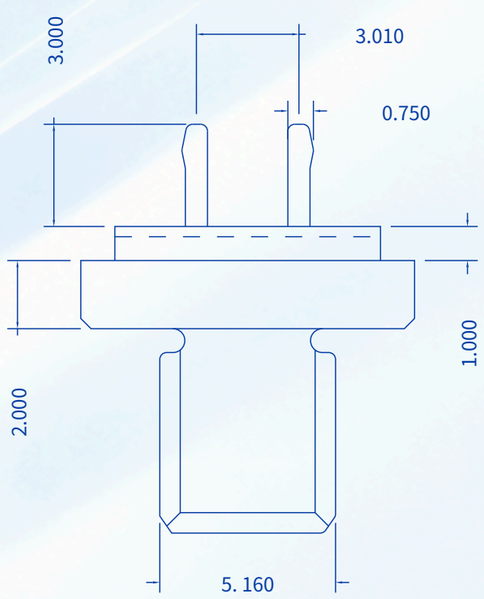
RoHS Compliant

REVISION HISTORY				
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		









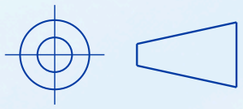
Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

MATERIAL / SPECIFICATION	
Housing	PA9T, UL 94V-0
Terminal	C2680
Terminal Finish	Nickel 50 u" min under plated
Contact Area	Au plated
Soldering Area	Tin
Current Rating	5 A
Voltage Rating	30 V AC
Dielectric Withstanding Voltage	500 VAC
Insulation Resistance	100 MΩ min.
Contact Resistance	30 mΩ max.
Operating Temperature	-40° ~ 105°
BOM: Housing	NYLON 9T; Qty 1; BLACK
BOM: Contact Terminal	PHOSPHOR BRONZE; Qty 9; Au PLATED

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
UP TO 5	±0.2
ABOVE 5 ~ 30	±0.3
ABOVE 30	±0.5
ANGLE	±3°

PROJECTION



THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	
APPROVED BY	

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

PRODUCT NAME	5 mm Pitch Vertical Through-Hole Male Blade Battery Connector (2 Pin)						
PART NO.	KS-BL500-02M-VD-01					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1